

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-7 (canceled).

8. (previously presented) A data transmission and reception method for information data containing additional information data, comprising, at a transmitter side, following steps:
- a step for preparing data frames of said information data into which the additional information data are to be embedded,
 - a step for altering at least part of each data frame in accordance with predetermined patterns corresponding to the additional information data to be embedded, for the plural continuous frames, repetitively, and
 - a step for transmitting the information data embedded with the repetitive additional information data therein; and
- further comprising, at a receiver side, following steps:
- a step for receiving the transmitted information data embedded with the repetitive additional information data therein,
 - a step for detecting the repetitive additional information data embedded from said transmitted information data, and
 - a step for determining said additional information data based on continuity of the repetitive additional information data detected for a predetermined times.

9. (previously presented) A data transmission and reception method as claimed in claim 8, wherein said information data includes at least one of video data, audio data and text data.

Claims 10-17 (canceled).

18. (previously presented) A system comprising:

- a data transmitting apparatus for transmitting information data containing additional information data therewith; and
- a data reproducing apparatus for reproducing the transmitted information data transmitted by the data transmitting apparatus, wherein said data transmitting apparatus comprises:
 - first means for preparing data frames of said information data into which the additional information data are embedded,
 - second means for altering at least part of each of the data frames in accordance with predetermined patterns corresponding to additional information data to be embedded, for the plural continuous frames, repetitively, and
 - third means for transmitting the information data embedded with the repetitive additional information data therein, and
- wherein said data reproducing apparatus comprises:
 - first means for receiving the transmitted information data embedded with the repetitive additional information data therein,
 - second means for detecting the repetitive additional information data embedded from said transmitted information data, and

third means for determining said additional information data based on continuity of the repetitive additional data detected for a predetermined times.

Claims 19-31 (canceled).

32. (previously presented) A data transmission and reception method as claimed in claim 8, wherein said information data includes at least one of video data, audio data and text data.

Claim 33 (canceled).